



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Saturday, February 16, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- **Critical fire weather conditions for E NM into W TX and the TX/OK Panhandles**
 - Low-moderate threat of significant fire – outbreak unlikely
- **Snow/blowing snow with local travel impacts in the higher terrain of N NM**

Sunday

- **Elevated fire weather conditions for S NM into W TX**

Monday - Tuesday

- **Widespread accumulating snow/blowing snow with travel impacts possible across much of northern and central NM**
- **Snow/freezing rain possible for portions of OK into NW and west-central TX and N AR**
- **Heavy rain/flash flooding possible for AR and LA on Tuesday**

Wednesday

- **No significant weather impacts**

River Flooding

- **Moderate flooding continues along the MS River in AR. Osceola (NE AR) expected to reach major flood next week.**
 - Impacts now are to secondary roads, some evacuations may be needed once it reaches major flood.
- **Cache and White Rivers in NE AR at moderate flood stage. Patterson along the Cache River expected to reach major flood stage, with some state highways flooding.**

FEMA Region 6 Threat Matrix

Feb 16, 2019 – Feb 20, 2019



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms					
Heavy Rain / Flash Flooding				AR/LA	
Winter Weather	N NM		N&Central NM	N&Central NM	
			NW&W-Central TX/ N AR (late)	NW&W-Central TX/ N AR	
Fire Weather	E NM/W TX TX/OK Panhandles	S NM/W TX			
River Flooding	NE AR	NE AR	NE AR	NE AR	NE AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status

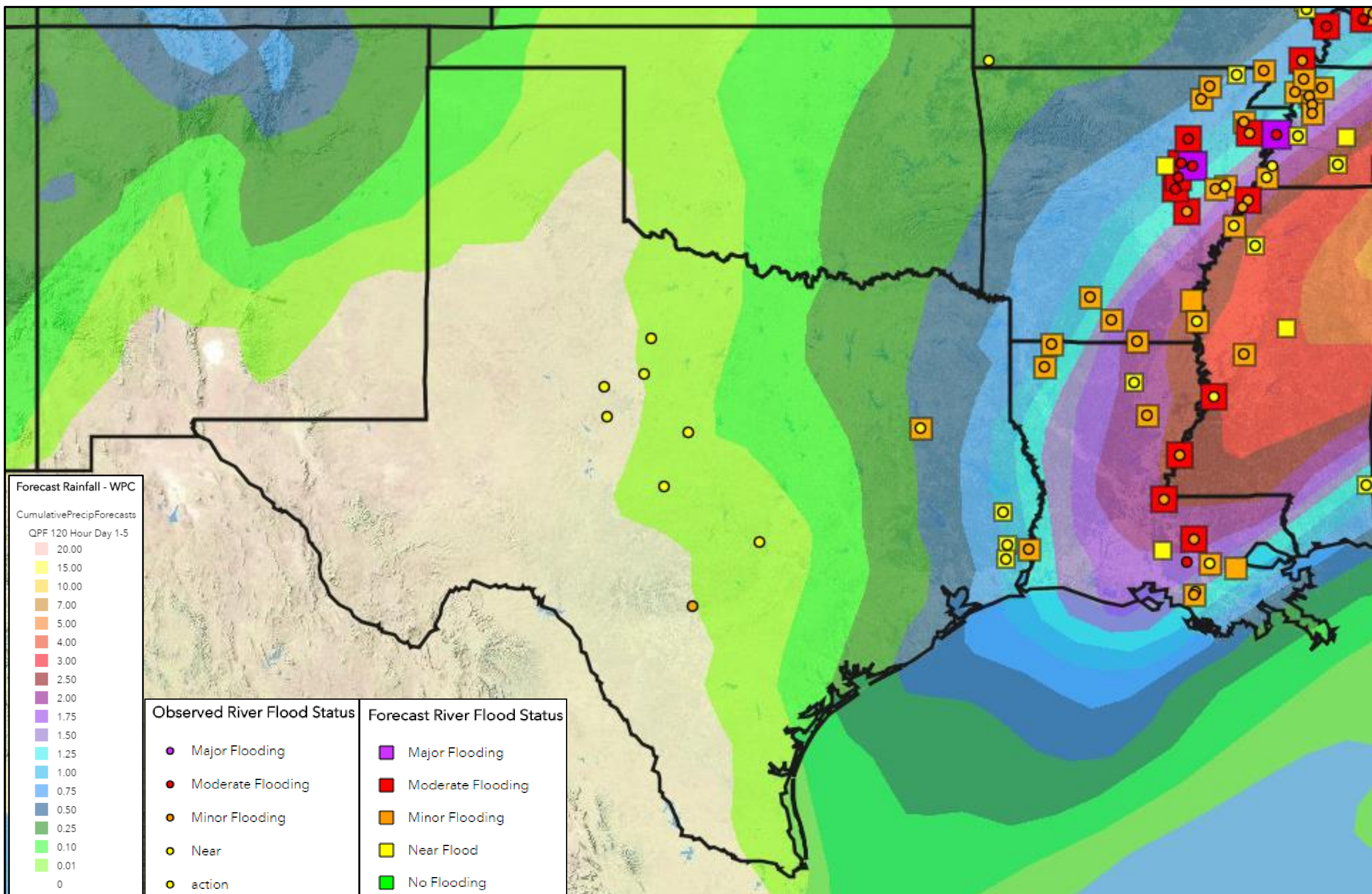


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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

The MS River in NE AR remains at moderate/major flood stage. Impacts: flooded secondary roads. Flooding of the pumphouse area of the power plant near Osceola.

Moderate flooding on the Black, Cache, Little Red, and St. Francis Rivers in NE AR. Cache River at Patterson will reach major flood stage next week. Impacts: flooding of roads, including some state highways.

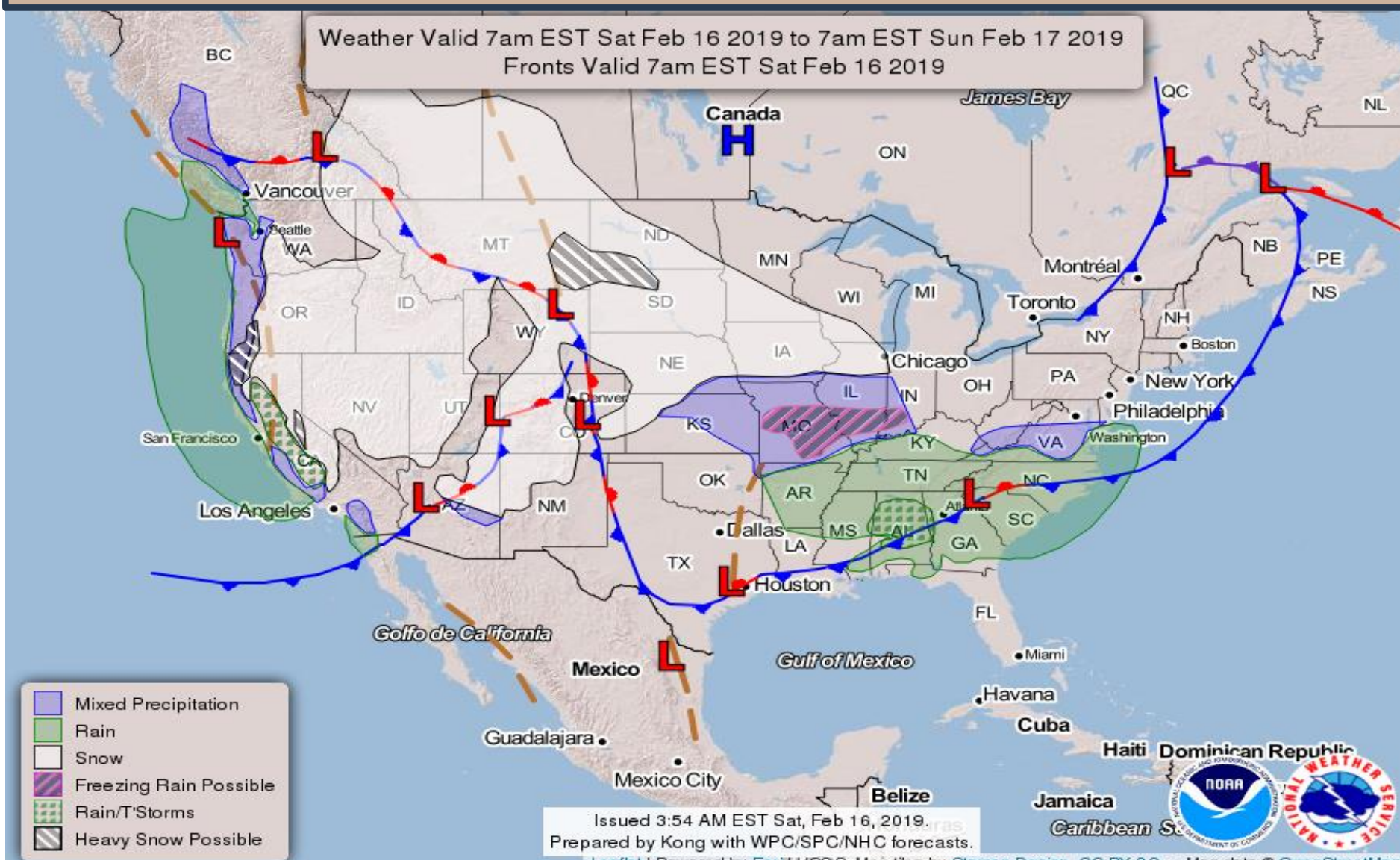


Today's Weather

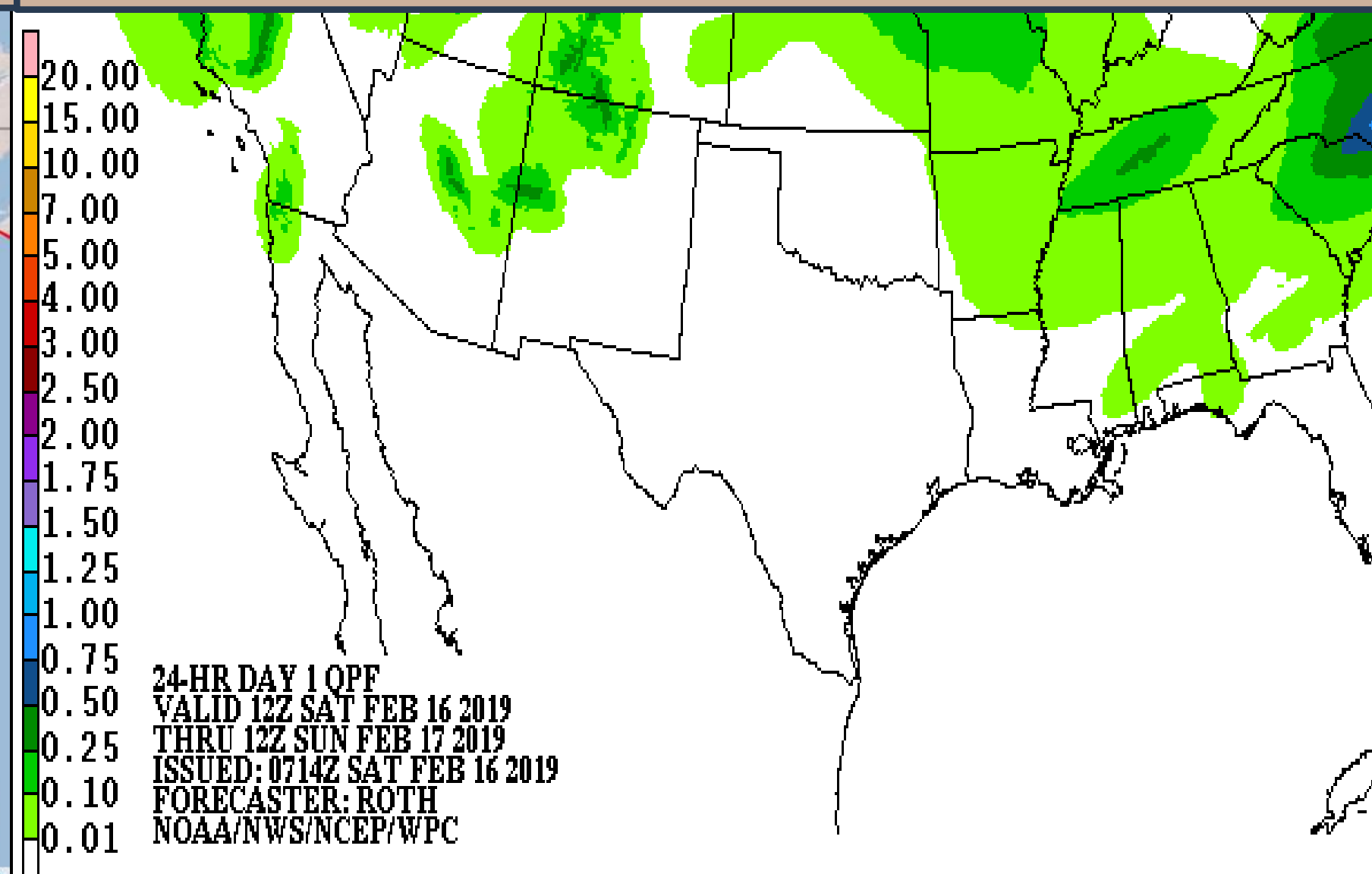


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Forecast Chart



Forecast Rainfall

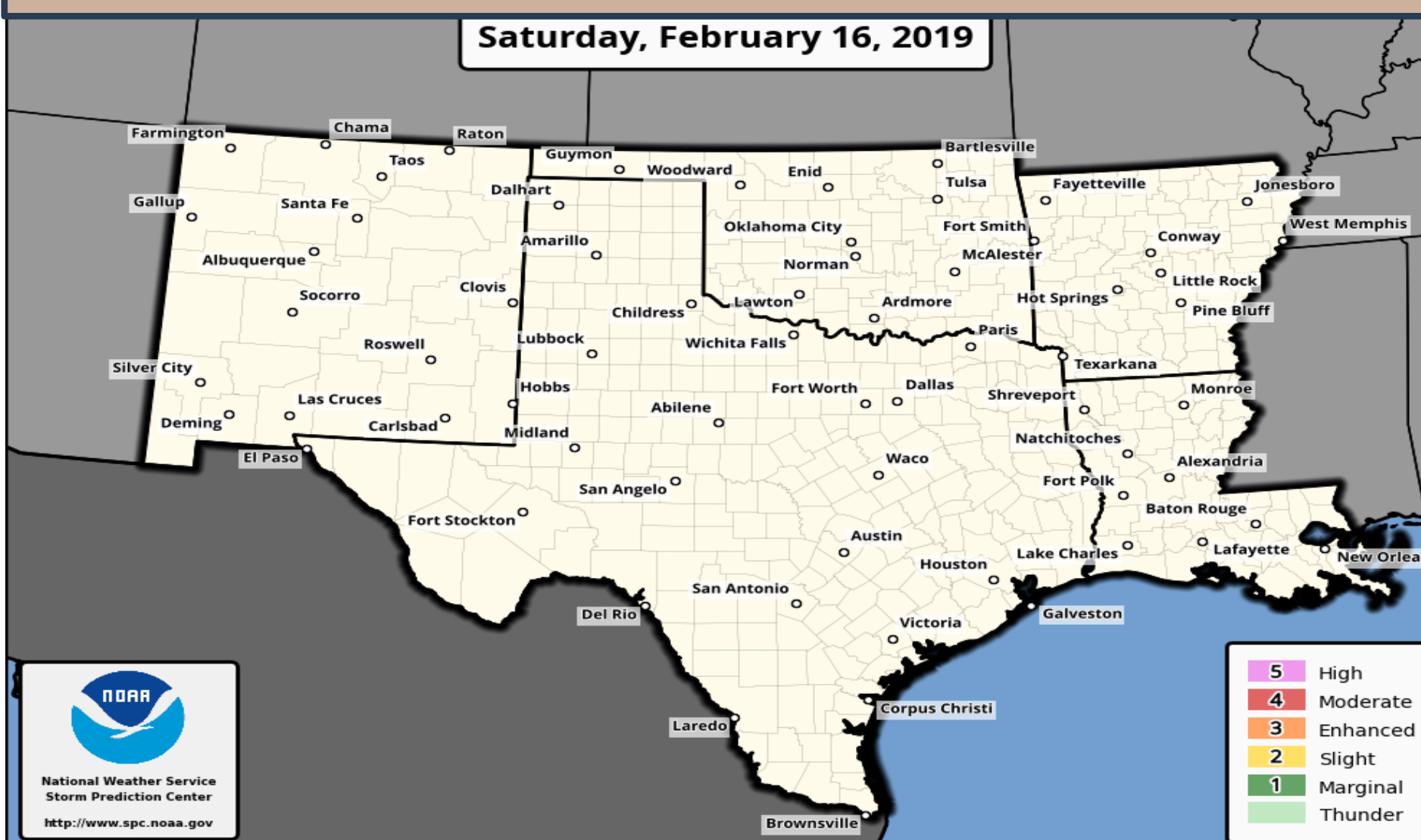


**Critical fire weather conditions
for E NM into W TX and the
TX/OK Panhandles.**

Low-moderate threat of significant fire – outbreak unlikely.

Snow/blowing snow with local travel impacts in the higher terrain of N NM.

Severe Weather Outlook



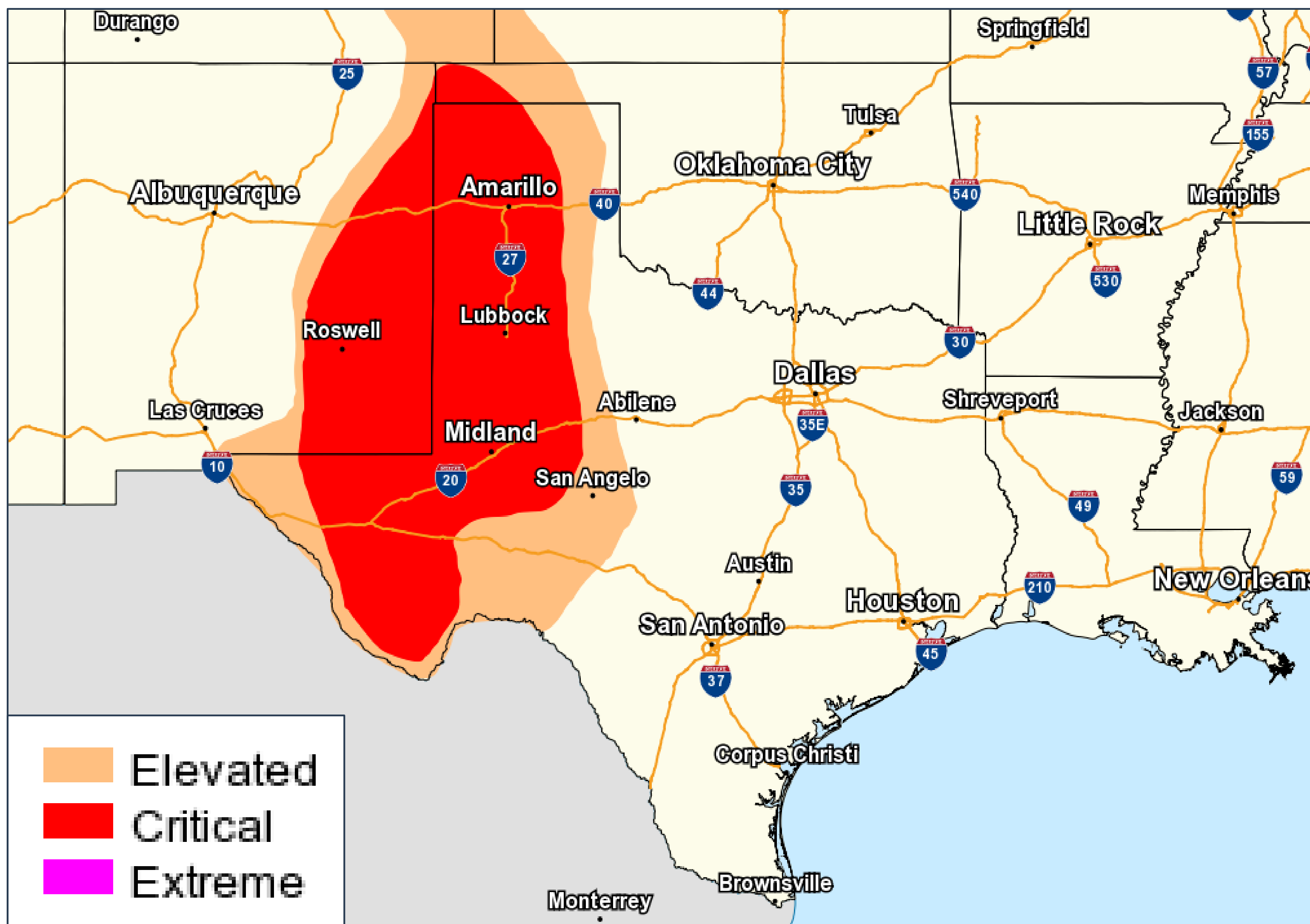
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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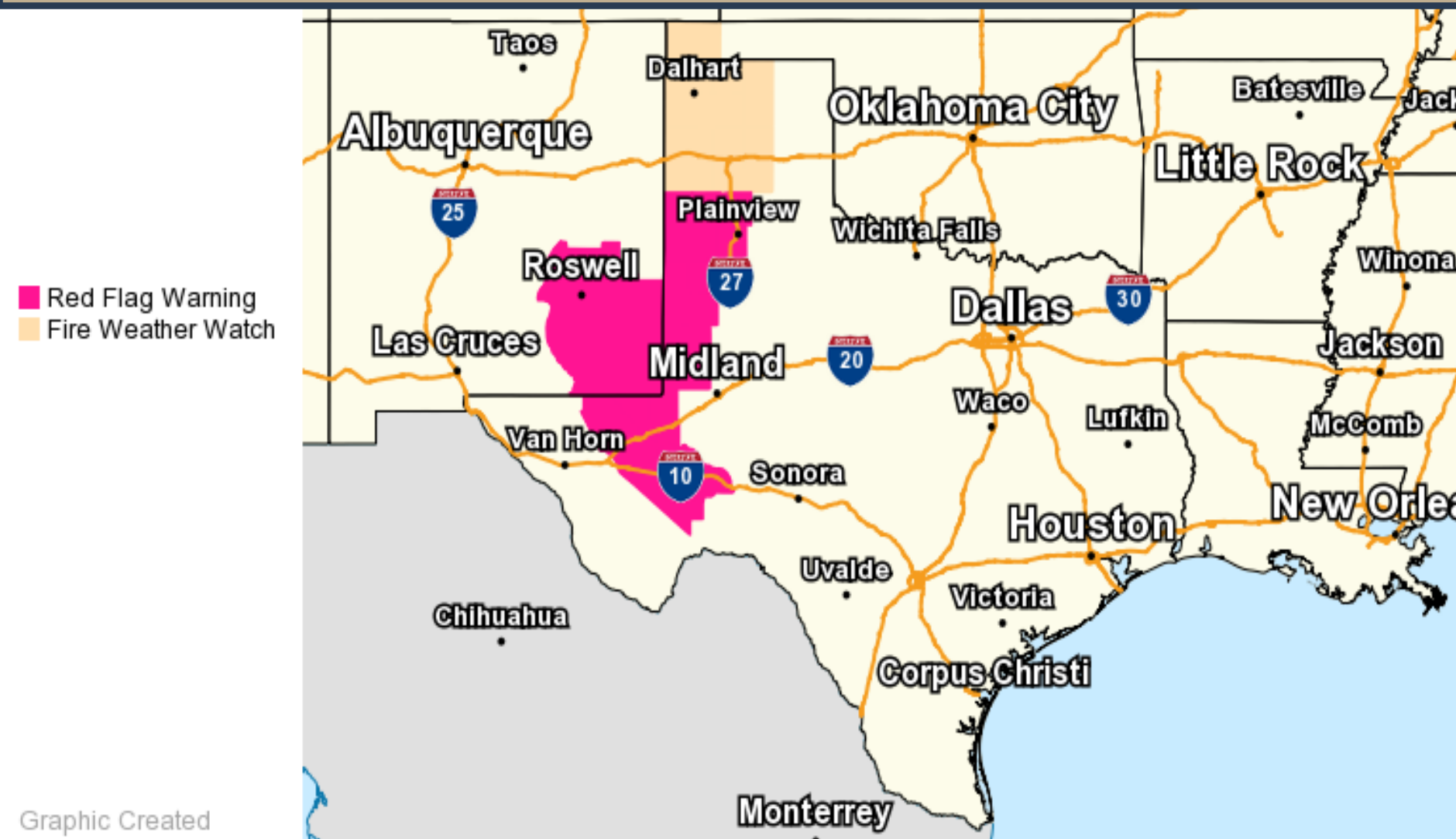
Critical fire weather conditions for E NM into W TX and the TX/OK Panhandles. Low-moderate threat of significant fire – outbreak unlikely.

Watches, Warnings, and Advisories



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Fire Weather



Severe Weather & Flooding

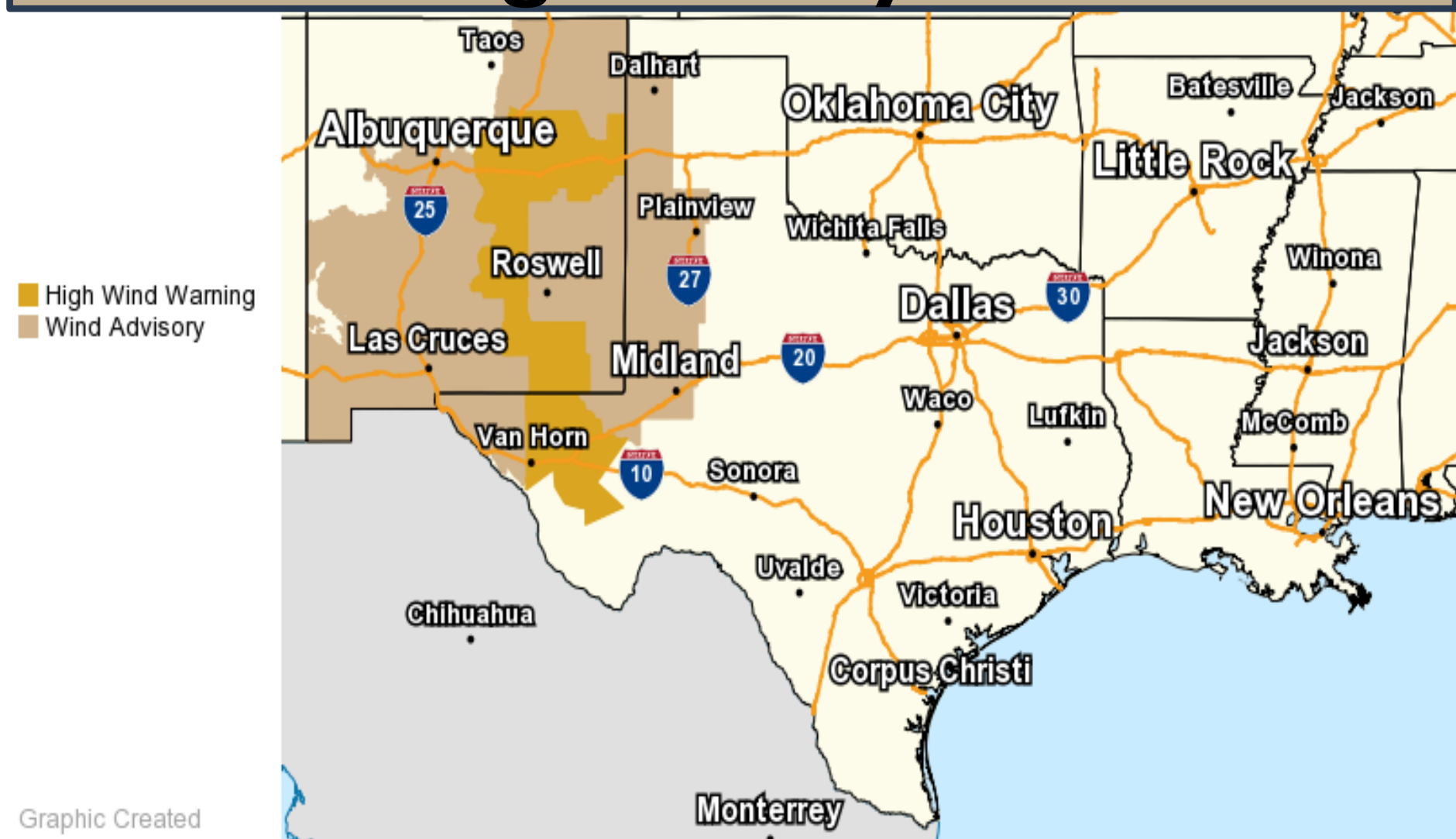


Red Flag Warnings and Fire Weather Watches in effect for E/SE NM into the TX/OK Panhandles and W TX for Critical Fire Weather conditions expected today.

Wind Advisories and High Wind Warnings in effect for much of NM into W TX today.

Winter Weather Advisory in effect for the higher terrain of N NM today.

Strong & Gusty Winds



Winter Weather

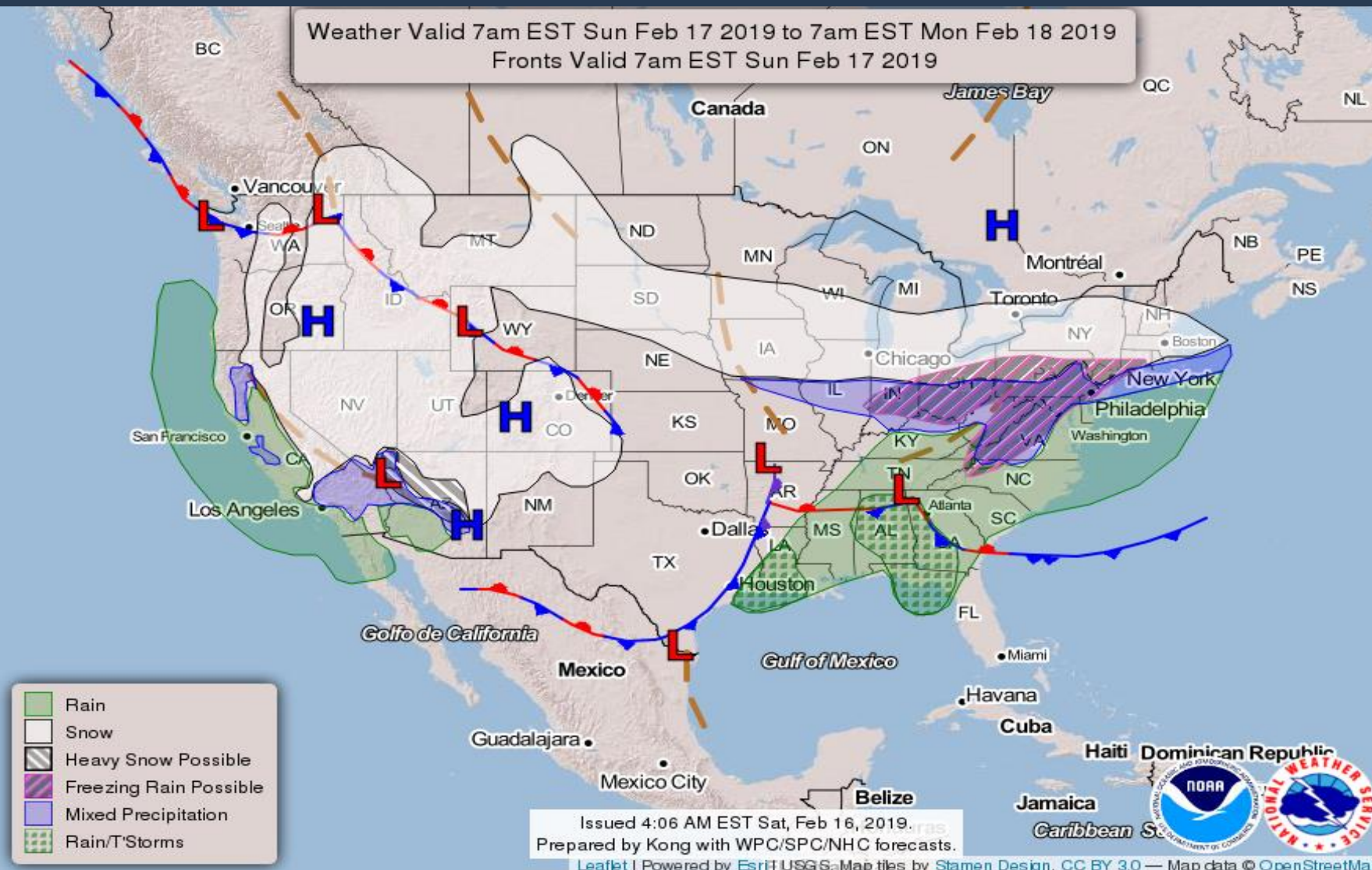


Tomorrow's Weather

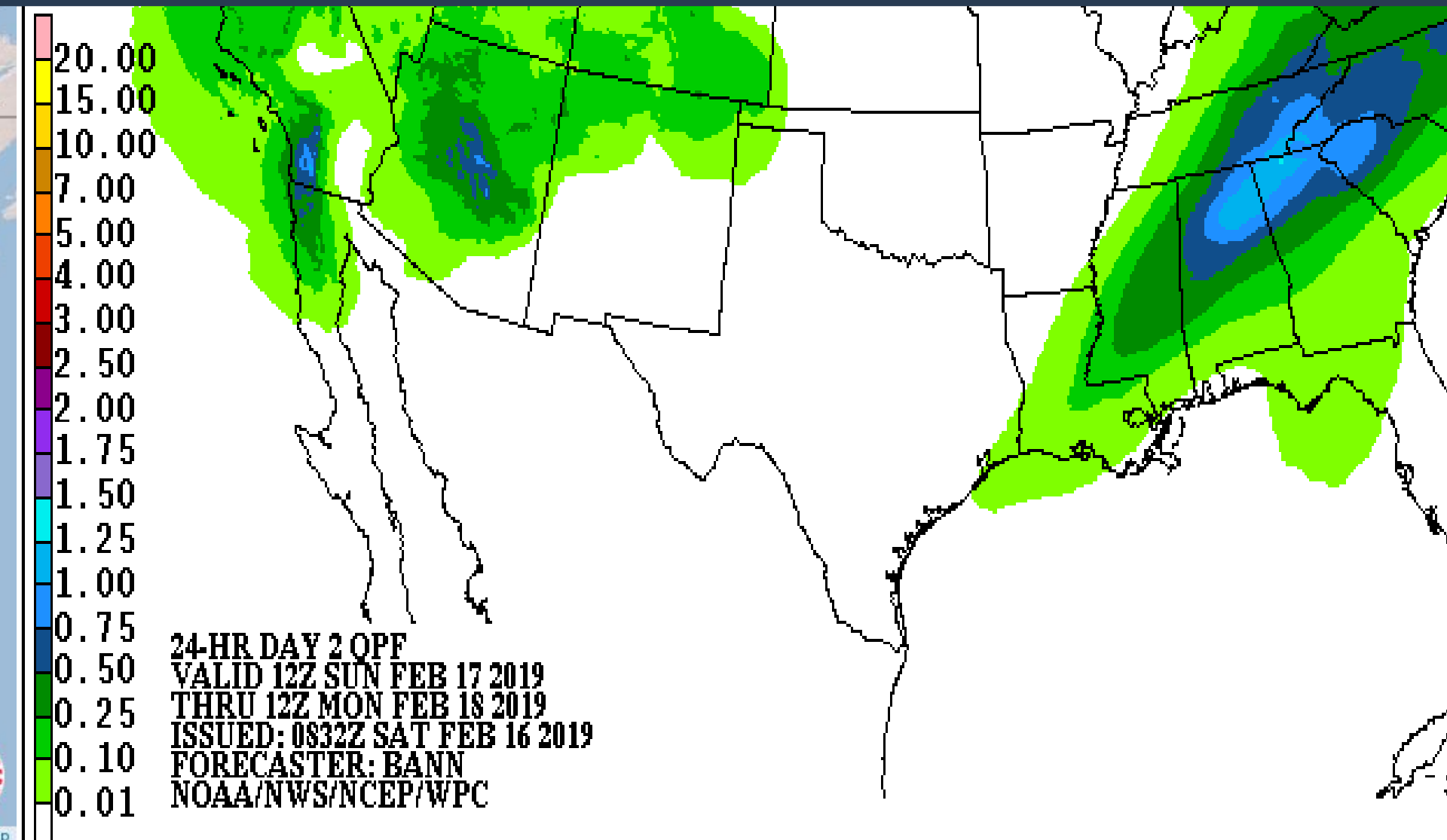


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Forecast Chart

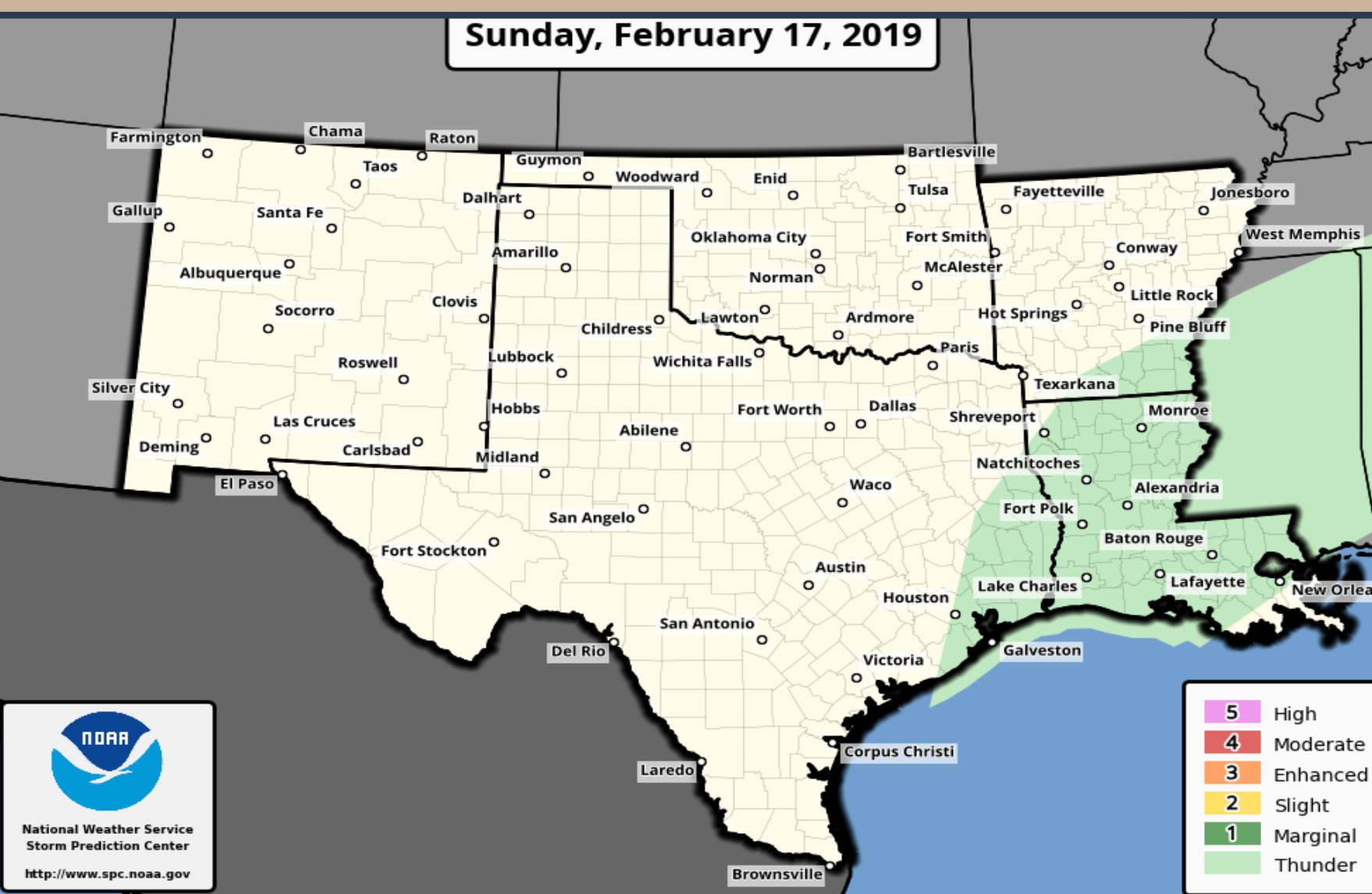


Forecast Rainfall



**Elevated fire weather
conditions for S NM into
WTX.**

Severe Weather Outlook



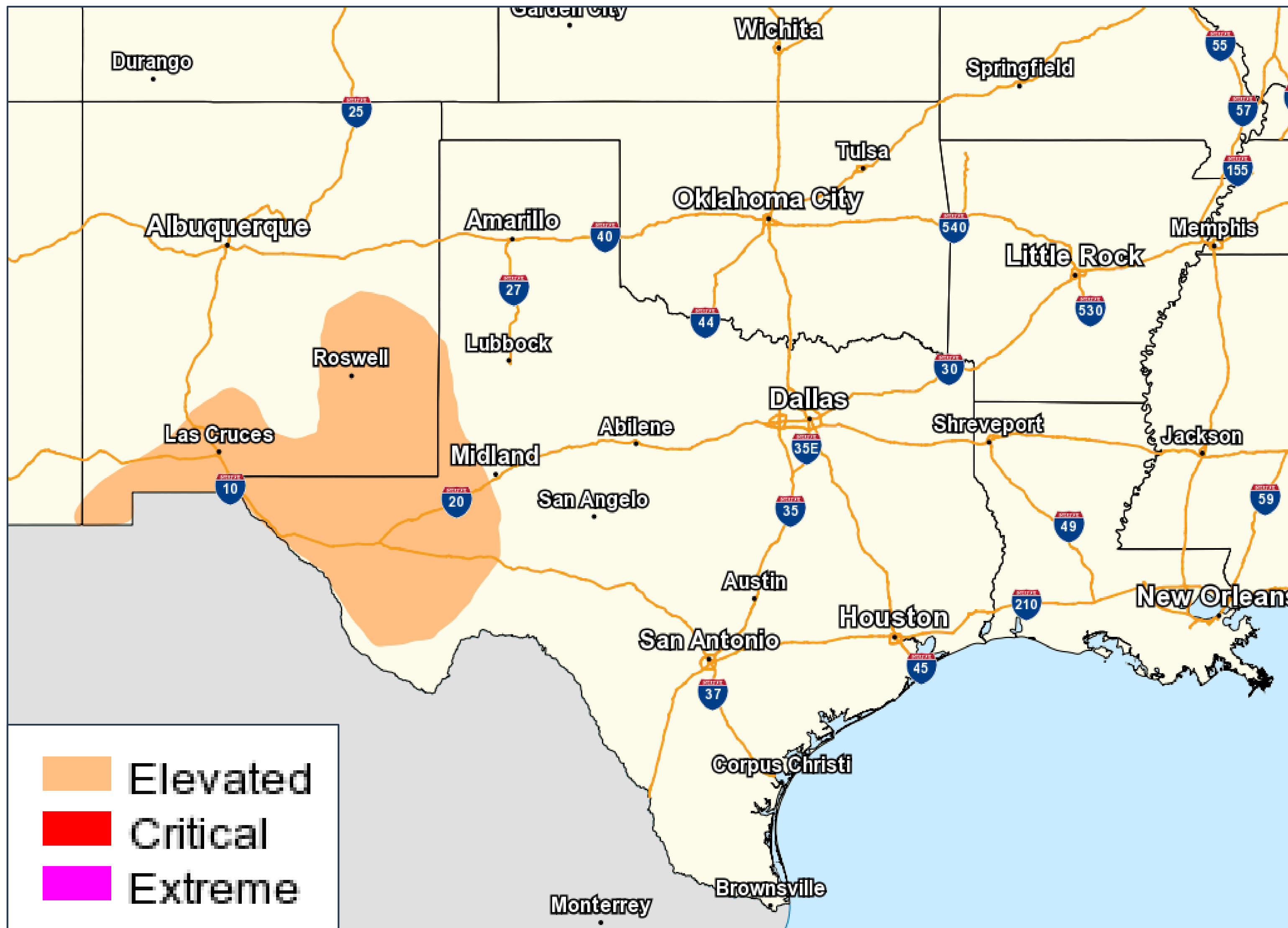
Excessive Rainfall Outlook



Tomorrow's Fire Weather Outlook



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**Elevated fire weather conditions for S NM
into W TX.**

Monday's Weather



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Forecast Chart

Forecast Rainfall

Widespread accumulating snow/blowing snow with travel impacts possible across much of northern and central NM.

Snow/freezing rain possible for portions of OK into NW and west-central TX and N AR Monday night.

Severe Weather Outlook

Excessive Rainfall Outlook

Monday, February 18, 2019

Marginal
Slight
Moderate
High

5 High
4 Moderate
3 Enhanced
2 Slight
1 Marginal
Thunder

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Days 4-5 Weather Hazards

Tuesday – Wednesday

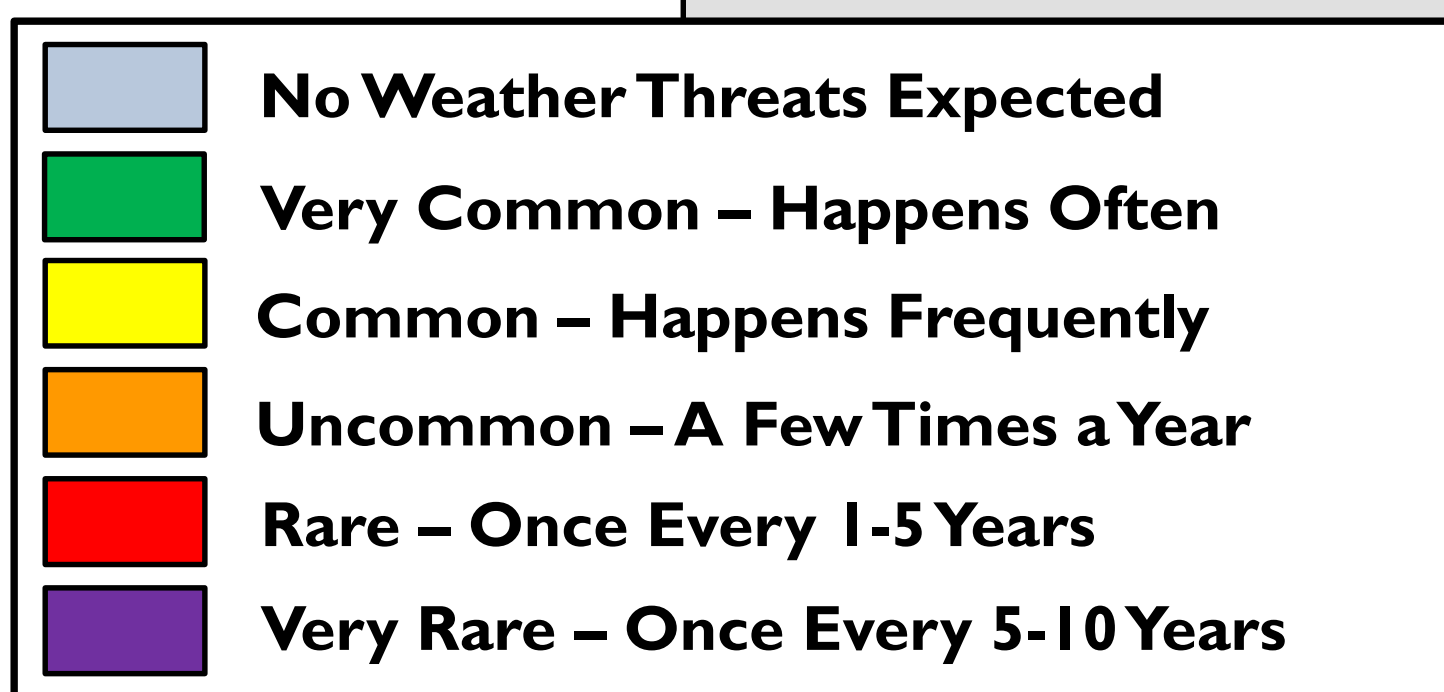


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Widespread accumulating snow/blowing snow with travel impacts possible across much of northern and central NM Tuesday.

Winter weather possible on Tuesday

Heavy rain/flash flooding possible on Tuesday



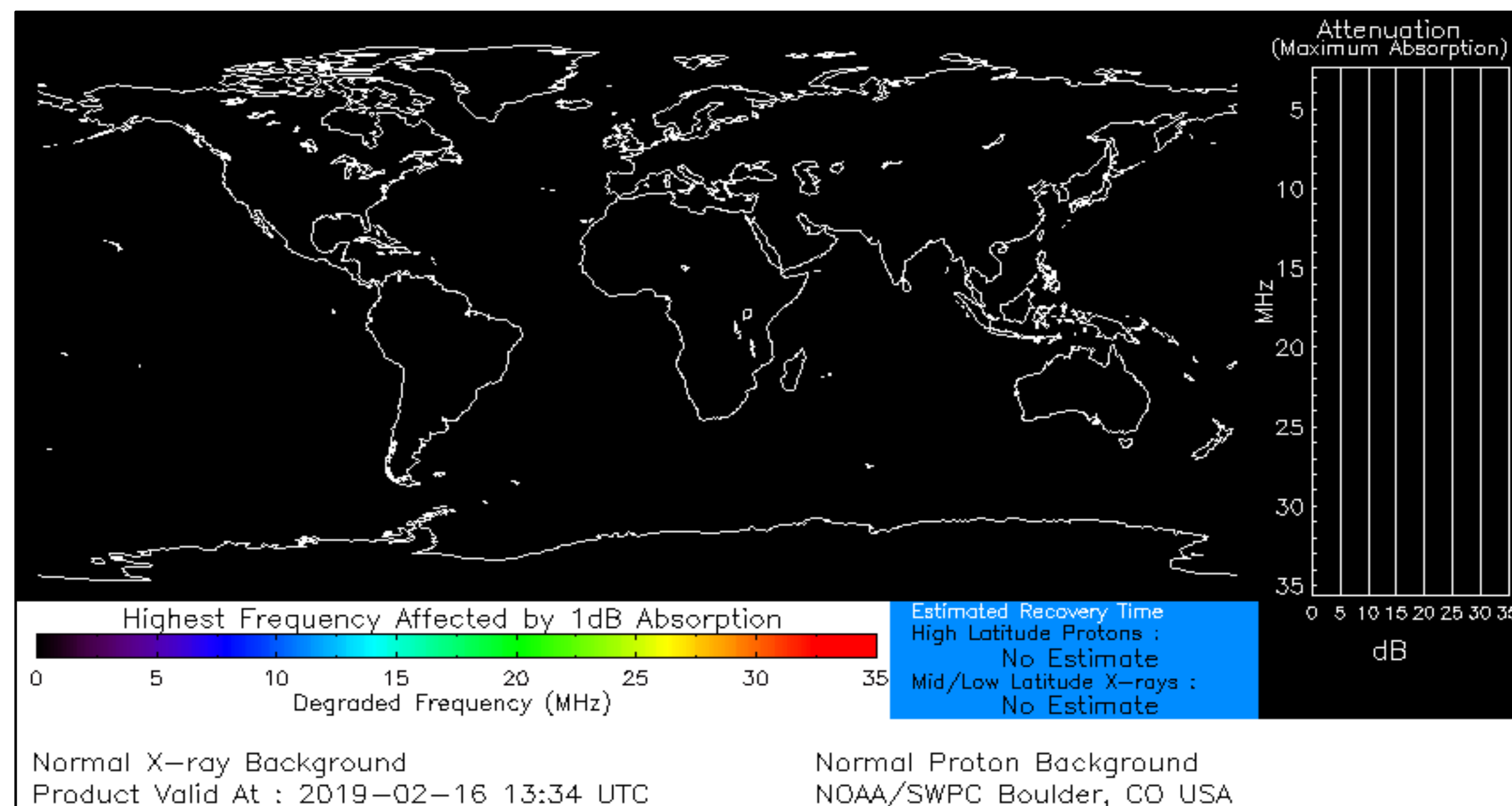
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Space Weather 3-Day Forecast



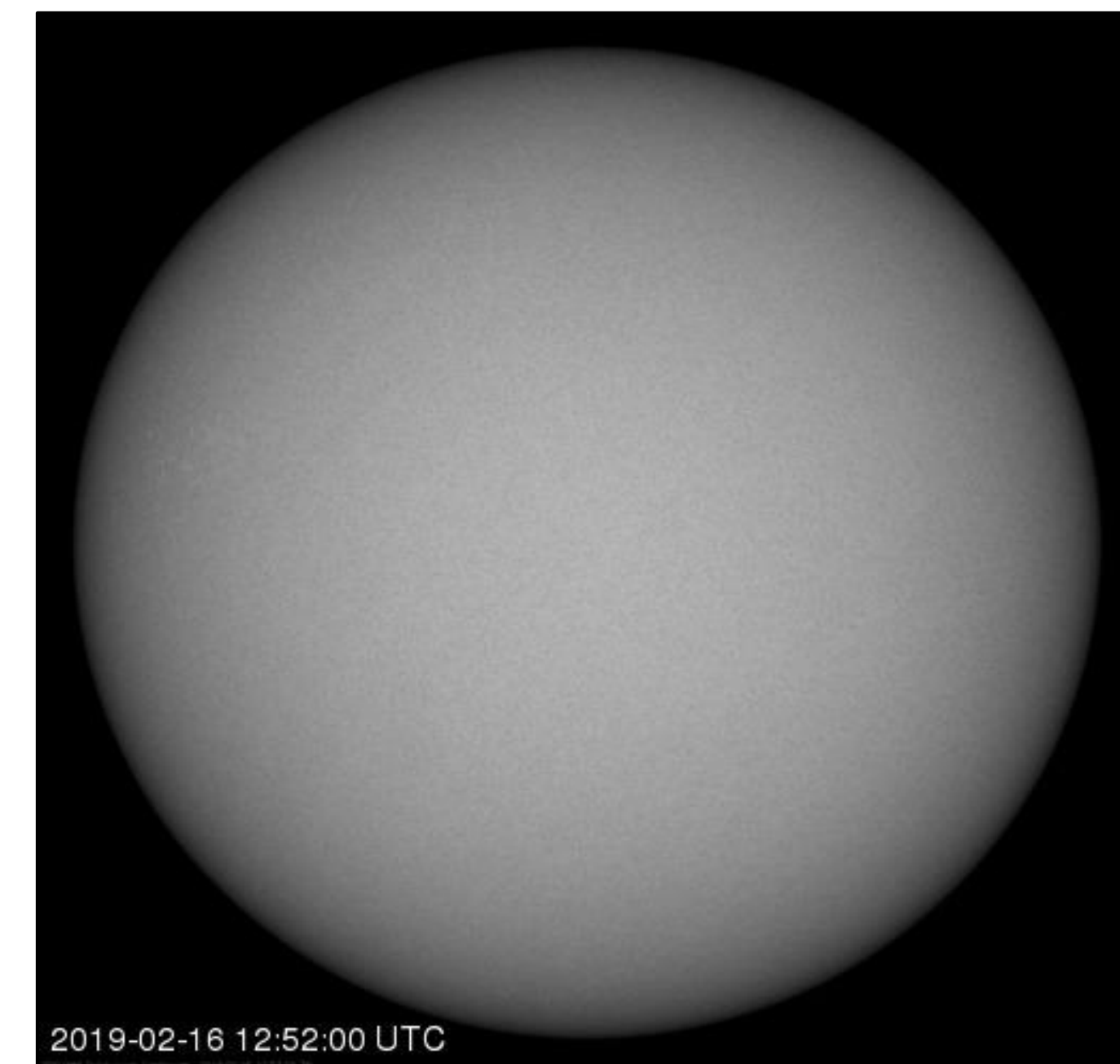
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov